

PTO/SB/08A (10-96)
Approved for use through 10/31/99. OMB 0651-0031
Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO

Complete if Known

(use as many sheets as necessary)

Sheet 1 of 1

Application Number	10/085,910
Filing Date	02/28/2002
First Named Inventor	Tommi Auranen
Group Art Unit	2681
Examiner Name	
Attorney Docket Number	004770.00039

U.S. PATENT DOCUMENTS

[illegible]

FOREIGN PATENT DOCUMENTS

[illegible]

Examiner
Signature

Date	
Considered	

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Application Number	10/085,910
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10/085,910

Filing Date	02/28/2002
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02/28/2002

First Named Inventor	Tommi Auranen
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Tommi Auranen

Group Art Unit	2681
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2681

Examiner Name

Attorney Docket Number | 004770.00039

Examin
Initials

Examiner
Initials

Cite
No.¹

Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.

T^2

Digital Video Broadcasting (DVB); DVB specification for data broadcasting, European Broadcasting Union, EN 301 192 V1.2.1 (1999 - 06)

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FORM PTO-1449
(Rev. 2-32)

U.S. Department of Commerce
Patent and Trademark Office

Atty. Docket No.

004770.00039

Serial No.

10/085,910

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use several sheets if necessary)

Applicant: Auranen et al

Filing Date:

February 28, 2002

Group:

2681

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	MM/DD/YY Date	Name	Class	Subclass	Filing Date if Appropriate
	5,307,376	04/26/1994	Castelain et al			
	5,657,313	08/12/1997	Takahashi et al			
	5,732,068	03/24/1998	Takahashi et al			
	5,799,033	08/25/1998	Baggen			
	6,256,357	07/03/2001	Oshima			

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FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc).

EXAMINER		DATE CONSIDERED	6/4/04
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Electronic Information Disclosure Statement



SYSTEM AND METHOD FOR INTERRUPT-FREE HAND-OVER IN A MOBILE TERMINAL

Application:



10/085910

Confirmation: 1183

Applicant(s): Tommi Auranen

Docket

Number: 004770.00039

Group Art Unit: 2681

Examiner:

search string:





(5745860 or 4449248 or 5539925 or 5307376 or 5799033 or 6256357 or 5732000 or 5657313 or 20020010763).pn.

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US Patent Documents



Note: Applicant is not required to submit a paper copy of cited US Patent Documents

init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	P01	5745860	1998-04-28		Kallin		
	P02	4449248	1984-05-15		Leslie et al.		
	P03	5539925	1996-07-23		Yli-Kotila et al.		
	P04	5307376	1994-04-26		Castelain et al.		
	P05	5799033	1998-08-25		Baggen		
	P06	6256357	2001-07-03		Oshima		

	P07	5732068	1998-03-24		Takahashi et al.
	P08	5657313	1997-08-12		Takahashi et al.

Published Applications

Note: Applicant is not required to submit a paper copy of cited US Patent Documents


init	Citation No.	Patent Number	Date	Bar Code	Patentee	Class	Subclass
	U01	20020010763	2002-01-24		Juha Salo et al.		

Remarks

(Remarks are not for responding to an office action.)

Pursuant to 37 C.F.R. 1.56 and in compliance with 37 C.F.R. 1.97, Applicant submits the above information for consideration by the Examiner. Applicant does not waive any right to take appropriate action to establish patentability over the listed documents should they be applied as a reference against the claims of the present application. Consideration of the cited information and making the same of record in the prosecution of the above noted application are respectfully requested. Should the Patent and Trademark Office determine that a fee is required, please charge our Deposit Account No. 19-0733.

Signature

Examiner Name	Date
	4/9/04



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USPTO Form 1449 Patent and Trademark Office INFORMATION DISCLOSURE CITATION Sheet 1 of 1		Attorney Docket No. Technology Center 2600 004770.00039		Serial No. 10/085,910			
		Applicant(s): Tommi Auranen et al.					
		Filing Date: February 28, 2002		Group: TBA			
U.S. PATENT DOCUMENTS							
Examiner Initial	Patent No.	Date	Name	Class	Subclass	Filing Date (if appropriate)	
FOREIGN PATENT DOCUMENTS							
Examiner Initial	Document No.	Date	Country	Class	Subclass	Translation	
						YES	NO
OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)							
<i>MA</i>	Apostolis K. Salkintzis et al., "An In-Band Power-Saving Protocol for Mobile Data Networks", IEEE Transactions On Communications, Vol. 46, No. 9, September 1998, pages 1194-1205						
<i>MA</i>	Apostolis K. Salkintzis et al., "Performance Analysis of a Downlink MAC Protocol with Power-Saving Support", IEEE Transactions On Vehicular Technology, Vol. 49, No. 3, May 2000, pages 1029-1040						
EXAMINER <i>MA</i>				DATE CONSIDERED <i>6/9/04</i>			
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							



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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/085,910
Filing Date	February 28, 2002
First Named Inventor	Tommi Auranen et al.
Group Art Unit	2681
Examiner Name	TBD
Attorney Docket Number	004770.00039

U.S. PATENT DOCUMENTS

Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
[Handwritten initials]		US-5,371,734	12-06-1994	Fischer	
		US-5,710,756	01-20-1998	Pasternak et al.	
		US- 5,883,899	03-16-1999	Dahlman et al.	
		US- 5,886,995	03-23-1999	Arsenault et al.	
		US- 5,995,845	11-30-1999	Lardennois	
		US- 6,175,557	01-16-2001	Diachina eg al.	
		US- 6,226,278	05-01-2001	Bursztenj et al.	
		US- 6,262,982	07-17-2001	Donahue et al.	
		US- 6,262,990	07-17-2001	Ejiri	
		US- 6,282,209	08-28-2001	Kataoka et al.	
		US- 6,295,450	09-25-2001	Lyer	
		US- 6,339,713	01-15-2002	Hansson et al.	
		US- 6,477,382	11-05-2002	Mansfield et al.	
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FOREIGN PATENT DOCUMENTS

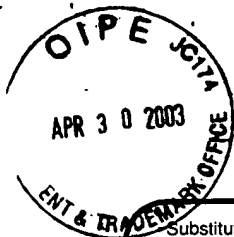
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
[Handwritten initials]		WO 02/01879	01-03-2002	Aaltonen et al.		
		WO 02/03728	01-10-2002	Salo et al.		
		WO 02/03729	01-10-2002	Salo et al.		
		WO 01/31963	05-03-2001	Hasan et al.		
		WO 01/72076	09-27-2001	Xu et al.		

Examiner Signature	[Handwritten Signature]	Date Considered	6/4/04
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04.
³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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**INFORMATION DISCLOSURE
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Sheet

2

of

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Application Number	10/085,910
Filing Date	February 28, 2002
First Named Inventor	Tommi Auranen et al.
Group Art Unit	2681
Examiner Name	TBD
Attorney Docket Number	004770.00039

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MA		Draft Report of the 52 nd Meeting of DVB GBS, EBU Headquarters, Geneva, June 25 th /27 th 2002. pages 1-12.	

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Information Disclosure Statement
Serial No. 10/085,910



Sheet 1 of 1

PTO-1449 (Modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT	ATTY. DOCKET NO. 004770.00039	SERIAL NUMBER 10/085,910
	APPLICANT Timmo Auranen	
	FILING DATE February 28, 2002	GROUP ART UNIT 2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE
<i>MA</i>	2002/0025777 A1	2/28/02	Kawamata et al.			
<i>MA</i>	6,167,248	12/26/00	Hamalainen et al.			
<i>MA</i>	6,088,412	7/11/00	Ott			
<i>MA</i>	6,047,181	4/4/00	Suonvieri			
<i>MA</i>	5,870,675	2/9/99	Tuutijärvi et al.			
<i>MA</i>	5,513,246	4/30/96	Jonsson et al.			

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FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES/NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Search Report

EXAMINER <i>MA</i>	DATE CONSIDERED <i>6/4/04</i>
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IDS w/1449 form filed: July 24, 2003



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		Application Number	10/085,910		
		Filing Date	February 28, 2002		
		First Named Inventor	Tommi Auranen et al.		
		Art Unit	2681		
		Examiner Name	TBD		
Sheet	1	of	2	Attorney Docket Number	004770.00039

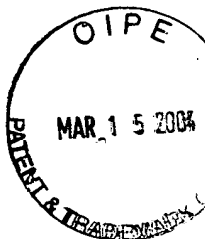
U.S. PATENT DOCUMENTS					
Examiner Initials *	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		US-			
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FOREIGN PATENT DOCUMENTS						
Examiner Initials *	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵ (if known)				
		DE 101 64 665 A1	08-01-2002	VTech Communications Ltd.		
		EP 0 577 322 A1	01-05-1994	Nokia Mobile Phones Ltd.		

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/085,910		
		Filing Date	February 28, 2002		
		First Named Inventor	Tommi Auranen et al.		
		Group Art Unit	2681		
		Examiner Name	TBD		
Sheet	2	of	2	Attorney Docket Number	004770.00039

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
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WJ		Search Report	
M		NEN-FU HUANG ET AL, "Architectures and Handoff Schemes for CATV-Based Personal Communications Network," Infocom '98. Seventeenth Annual Joint Conference of the IEEE Computer and Communications Societies. Proceedings. IEEE San Francisco, CA, USA, March 29 to April 2, 1998; IEEE New York, NY, USA, March 29, 1998, pages 748-755	

Examiner Signature		Date Considered	6/9/04
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